A. Permit Certificate

MUNICIPAL
WASTEWATER-LAND APPLICATION PERMIT
LA-000167-02

TLI Sewer, LLC LOCATED AT **P.O. Box 920, Rathdrum, ID 83858** IS HEREBY AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A WASTEWATER REUSE SYSTEM IN ACCORDANCE WITH THE WASTEWATER REUSE RULES (IDAPA 58.01.17) AND WASTEWATER RULES (IDAPA 58.01.16), THE GROUND WATER QUALITY RULE (IDAPA 58.01.11), AND ACCOMPANYING PERMIT, APPENDICES, AND REFERENCE DOCUMENTS. THIS PERMIT IS EFFECTIVE FROM THE DATE OF SIGNATURE AND EXPIRES ON **(60 months from issue date)**.

Dan Redline, Acting Regional Administrator Date:
Coeur d'Alene Regional Office
Idaho Department of Environmental Quality

DEPARTMENT OF ENVIRONMENTAL QUALITY
2110 Ironwood Parkway
Coeur d'Alene, ID 83814
(208) 769-1422
(208) 769-1404 fax

POSTING ON SITE RECOMMENDED

B. Permit Contents, Appendices, and Reference Documents

		Page
A.	Permit Certificate	1
B.	Permit Contents, Appendices and Reference Documents	2
C.	Abbreviations, Definitions	3
D.	Facility Information	5
E.	Compliance Schedule for Required Activities	6
F.	Permit Limits and Conditions	8
G.	Monitoring Requirements	10
H.	Standard Reporting Requirements	11
I.	Standard Permit Conditions: Procedures and Reporting	12
J.	Standard Permit Conditions: Modifications, Violation, and Revocation	14

Appendices

1. Environmental Monitoring Serial Numbers
2. Site Map

References

1. Plan of Operation (Operation and Maintenance Manual)
2. Silvicultural Plan

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater Reuse Permit LA-000167-02 and are enforceable as such. This permit does not relieve TLI Sewer, LLC, hereafter referred to as the permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

C. Abbreviations, Definitions

Ac-in	Acre-inch. The volume of water or wastewater to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons (often estimated as 27,200 gallons).
BMP or BMPs	Best Management Practice(s)
COD	Chemical Oxygen Demand
DEQ or the Department	Idaho Department of Environmental Quality
Director	Director of the Idaho Department of Environmental Quality, or the Directors Designee, i.e. Regional Administrator
ET	Evapotranspiration – Loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
GS	Growing Season
GW	Ground Water
GWQR	IDAPA 58.01.11 "Ground Water Quality Rule"
Guidance	Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater
HLR_{gs}	Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to land application hydraulic management units during the growing season. The HLR_{gs} limit is specified in Section F. Permit Limits and Conditions.
HLR_{ngs}	Non-Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to each hydraulic management unit during the non-growing season. If applicable, the HLR_{ngs} limit is specified in Section F. Permit Limits and Conditions.
HMU	Hydraulic Management Unit (Serial Number designation is MU)
IWR	Irrigation Water Requirement – Any combination of wastewater and supplemental irrigation water applied at rates commensurate to the moisture requirements of the crop:
IDAPA	Idaho Administrative Procedures Act.
LG	Lagoon
lb/ac-day	Pounds (of constituent) per acre per day
MG	Million Gallons (1 MG = 36.827 acre-inches)
MGA	Million Gallons Annually (per Reporting Year)
NGS	Non-Growing Season
NVDS	Non-Volatile Dissolved Solids (Total Dissolved Solids less Volatile Dissolved Solids)
O&M manual	Operation and Maintenance Manual, also referred to as the Plan of Operation
SAR	Sodium Adsorption Ratio
SI	Supplemental Irrigation

C. Abbreviations, Definitions

Soil AWC	Soil Available Water Holding Capacity - the plant-available water storage capacity of a soil to a depth at which plant roots can utilize the stored moisture (typically 60 inches or root limiting layer).
SMU	Soil Monitoring Unit (Serial Number designation is SU)
SW	Surface Water
TDS	Total Dissolved Solids also referred to as Total Filterable Residue
TDIS	Total Dissolved Inorganic Solids – The summation of chemical concentration results in mg/L for the following common ions: calcium, magnesium, potassium, sodium, chloride, sulfate, and 0.6 times alkalinity (alkalinity expressed as calcium carbonate). Nitrate, Silica and fluoride should be included if present in significant quantities (i.e. > 5 mg/L each).
TMDL	Total Maximum Daily Load – The sum of the individual waste-load allocations (WLAs) for point sources, Load Allocations (LAs) for non-point sources, and natural background. Such load shall be established at a level necessary to implement the applicable water quality standards with seasonal variations and a margin of safety that takes into account any lack of knowledge concerning the relationship between effluent limitations and water quality. IDAPA 58.01.02 Water Quality Standards and Wastewater Treatment Requirements
Total Nitrogen	Total Nitrogen is defined as the sum of all forms of nitrogen present in a sample. Total Nitrogen is determined by adding the values of the Total Kjeldahl Nitrogen (TKN), Nitrate-N and Nitrite-N laboratory results.
Typical Crop Uptake	Typical Crop Uptake is defined as the median constituent crop uptake from the three (3) most recent years the crop has been grown. Typical Crop Uptake is determined for each hydraulic management unit. For new crops having less than three years of on-site crop uptake data, regional crop yield data and typical nutrient content values, or other values approved by DEQ may be used.
USGS	United States Geological Survey
Reporting Year	The reporting year begins with the non-growing season and extends through the growing season of the following year, typically November 01 – October 31.
WW	Wastewater

D. Facility Information

Legal Name of Permittee	TLI Sewer, LLC
Type of Wastewater	Municipal (Class C)
Method of Treatment	Slow Rate Land Treatment
Type of Facility	Municipal
Facility Location	Two miles east of Twin Lakes Village and Highway 41, north of Scarcello Road and east of Elkhorn Estates subdivision
Legal Location	T52N, R04W Section 3
County	Kootenai
USGS Quad	Spirit Lake East
Soils on Site	Predominantly Rathdrum silty loam with small areas of Kootenai gravelly silty loam
Depth to Ground Water	120 – 160 feet to local aquifer likely under the site 175 – 340 feet to Spokane Valley Rathdrum Prairie Aquifer (sole source drinking water aquifer) to the east, south and west of the site due to the influence of Round Mountain on the aquifer
Beneficial Uses of Ground Water	All uses. Aquifer is a Sensitive Resource Aquifer per the Idaho Groundwater Rule (IDAPA 58.01.11).
Nearest Surface Water	Twin Lakes (~2 miles west)
Beneficial Uses of Surface Water	Recreation and Aquatic life
Responsible Official **Mailing Address** **Phone / Fax**	Mr. Dean Renninger, Operator TLI Sewer, LLC P.O. Box 920, Rathdrum, Idaho 83858 (208) 687-0802 (voice)

E. Compliance Schedule for Required Activities

The *Activities* in the following table shall be completed on or before the *Completion Date* unless modified by the Department in writing.

Compliance Activity Number Completion Date	Compliance Activity Description
CA-167-01 **Six (6) Months after Permit Issuance**	An updated Plan of Operation (Operation and Maintenance Manual or O&M Manual) for the wastewater land application facilities, incorporating the requirements of this permit, shall be submitted to DEQ for review and approval. The Plan of Operation shall be designed for use as an operator guide for actual day-to-day operations to meet permit requirements and shall include daily sampling and monitoring requirements to assess the adequacy of wastewater treatment facility operation. The Plan of Operation shall contain at a minimum all of the information in the latest revision of the Plan of Operation Checklist. The Plan of Operation shall also include a Quality Assurance Project Plan (QAPP) for monitoring activities required by this permit. The QAPP shall cover field activities; laboratory analytical methods and other activities; data verification and validation; data storage, retrieval and assessment; and monitoring program evaluation and improvement.
CA-167-02 **Twelve (12) Months after Permit Issuance to complete seepage testing of all required structures**	Perform seepage test on each lagoon in accordance with the latest DEQ procedure. The maximum leakage rate for each lagoon shall be no more than one-fourth (1/4 or 0.25) inches per day. If either lagoon is found to be leaking at a rate greater than 0.25 inches per day, the facility, in accordance with a schedule negotiated with and approved by the Director, shall perform one of the following: a. Repair the leak and retest for compliance; b. Drain the lagoon in an approved manner and discontinue its use; or Determine the impact of the leaking lagoon on the environment based on modeling and ground water sampling immediately surrounding the lagoons. Any impacts must comply with IDAPA 58.01.11 "Ground Water Quality Rule," and IDAPA 58.01.02, "Water Quality Standards." If the impact does not comply with IDAPA 58.01.11, "Ground Water Quality Rule," and IDAPA 58.01.02, "Water Quality Standards," as determined by DEQ, the facility shall follow either step a. or b., above.
CA-167-03 **Six (6) Months after Permit Issuance**	An updated Silvicultural Plan for the wastewater land application area for management of the tree crop grown on the site. This plan should include tree and land management activities and harvesting schedules as well as nutrient balance estimates. A qualified silviculturist shall prepare this plan.
CA-167-04 **Six (6) Months prior to Permit Expiration**	Submit to DEQ for review and approval a Development Plan for HMU D. This plan should include the distribution system as well as a draft silvicultural plan for the management unit.

E. Compliance Schedule for Required Activities

Compliance Activity Number Completion Date	Compliance Activity Description
CA-167-05 **Annually**	As an addendum to each Annual Report, prepare an Equivalent Residential Unit (ERU) Report describing 1) New ERUs that connected to the sewer system during the year; 2) Total ERUs now actively connected to the sewer system; 3) ERUs not presently connected to the sewer system, but with approval to connect and/or with paid connection fees; and 4) ERUs planned for the next year.
CA-167-05 **Six (6) Months Prior to Permit Expiration**	Submit reapplication materials to DEQ.

F. Permit Limits and Conditions

<table>
<tr><th>Category</th><th>Permit Limits and Conditions</th></tr>
<tr><td>Type of Wastewater</td><td>Municipal (Class C)</td></tr>
<tr><td>Application Site Area</td><td>19.07 acres</td></tr>
<tr><td>Application Season</td><td>Growing Season only (May 1 through October 31)</td></tr>
<tr><td>Hydraulic Loading Rate, Growing Season (includes wastewater and supplemental irrigation water, if used).</td><td>Growing Season (GS) Hydraulic Loading Rate shall be substantially equal to the Irrigation Water Requirement (IWR) throughout the growing season, with an estimated annual hydraulic loading given by the following table, for each management unit:
<table>
<tr><th>Serial Number</th><th>Description</th><th>Acres</th><th>Capacity* (MG)</th></tr>
<tr><td>HMU-016701</td><td>HMU A</td><td>3.48</td><td>2.11</td></tr>
<tr><td>HMU-016702</td><td>HMU B</td><td>4.00</td><td>2.38</td></tr>
<tr><td>HMU-016703</td><td>HMU C</td><td>4.07</td><td>2.61</td></tr>
<tr><td>HMU-016705</td><td>HMU E</td><td>3.69</td><td>2.37</td></tr>
<tr><td>HMU-016706</td><td>HMU F</td><td>3.83</td><td>2.46</td></tr>
<tr><td></td><td>Total</td><td>19.07</td><td>11.92</td></tr>
</table>
* Based on ET data from http://www.kimberly.uidaho.edu/ETIdaho/stninfo.php?station=100667 for a representative mix of Orchard without Groundcover and Grass Pasture based on cover, assuming 85% sprinkler efficiency.</td></tr>
<tr><td>Livestock Grazing</td><td>No grazing is allowed.</td></tr>
<tr><td>Ground Water Quality</td><td>Wastewater land application activities conducted by the permittee shall not cause a violation of the Ground Water Quality Rule (GWQR), IDAPA 58.01.11 as now existing or later amended.</td></tr>
<tr><td>Maximum Nitrogen Loading Rate, pounds/acre-year, each HMU</td><td>150 lbs/acre-year</td></tr>
<tr><td>Construction Plans</td><td>Prior to construction or modification of any wastewater facilities associated with the land application system, detailed plans and specifications shall be submitted for review and approved by DEQ. Within 30 days of completion of construction, the permittee shall submit as-built plans for DEQ review and approval.</td></tr>
</table>

F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Buffer Zones	All buffer zones must comply with local zoning ordinances, at minimum. Other minimum buffer zones are as follows: • 300 ft from reuse site to inhabited dwellings • 50 ft from reuse site to areas accessible by the public • 100 ft from reuse site to permanent and intermittent surface water • 50 feet from reuse site to irrigation ditches and canals • 500 feet from reuse site to private water supply wells[1] • 1000 feet from reuse site to public water supply wells[1] • Berms and other BMPs shall be used to protect the well head of on-site wells. 1) These buffer zone distances shall be maintained unless a Department-approved well location acceptability analysis indicates an alternative buffer zone is acceptable
Disinfection Requirement	The median number of total coliform organisms shall not exceed 23 colony forming units (CFU) per 100 milliliters (CFU/100 mL), as determined from the results of the last five (5) days for which the analyses have been completed. In addition the number of total coliform organisms shall not exceed 230 CFU per 100 milliliters in any confirmed sample.
Fencing and Posting	Signs shall be posted and maintained every 500 ft and at each corner of the outer perimeter of the buffer zones of the wastewater reuse site which read 'Irrigated with Reclaimed Wastewater –Do Not Drink' or equivalent. Woven pasture fencing or equivalent is required.
Runoff Control	Upon approval of the Runoff Management Plan by DEQ, required as part of the Plan of Operation in Section E CA-167-01 of this permit, the permittee shall implement the plan.
Allowable Crops	Crops grown for direct human consumption (those crops that are not processed prior to consumption) are not allowed. Timber harvest and management shall be in accordance with the recommendations of the approved Silvicultural Plan, revised according to Section E CA-167-03 of this permit.
Odor Management	The land application facilities and other operations associated with the facility shall not create a public health hazard or nuisance conditions including odors. These facilities shall be managed in accordance with a DEQ-approved Odor Management Plan which is part of the Plan of Operation, see Section E CA-167-01. In the event that nuisance odors occur, and are verified by DEQ, the Plan shall be revised as necessary to eliminate or minimize the recurrence of nuisance odors.

G. Monitoring Requirements

The Permittee is allowed to apply wastewater and treat it on a land application site as prescribed in the table below and in accordance with all other applicable permit conditions and schedules.

1) Appropriate analytical methods, as given in the *Idaho Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater*, or as approved by the Idaho Department of Environmental Quality (hereinafter referred to as DEQ), shall be employed. A description of approved sample collection methods, appropriate analytical methods and companion QA/QC protocol shall be included in the facility's Quality Assurance Project Plan (QAPP), which shall be part of the Operation and Maintenance Manual.

2) The permittee shall monitor and measure parameters as stated in the Facility Monitoring Table in this section.

3) Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.

4) Unless otherwise agreed to in writing by DEQ, data collected and submitted shall include, but not be limited to, the parameters and frequencies in the Facility Monitoring Table on the following pages. Wastewater monitoring is required at the frequency show in the table below if wastewater is applied anytime during the time period shown.

5) Annual reporting of monitoring requirements is described in Section H, Standard Reporting Requirements.

6) Monitoring locations are defined in Appendix 1, "Environmental Monitoring Serial Numbers".

7) Ground Water Monitoring Procedure: Ground Water Monitoring Wells shall be purged a minimum of three casing volumes. The static water level shall be measured prior to pumping or sampling for ground water.

G. Monitoring Requirements

Facility Monitoring Table

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
Daily	Effluent flow meter	Flow of wastewater to reuse site	Volume (million gallons and acre-inches) to each Hydraulic Management Unit (HMU) – record daily, compile monthly
Weekly, when applying (May – October)	Wastewater discharge point, WW-016701	Grab Sample	Total Coliform
Monthly, when applying (May – October)	Wastewater discharge point, WW-016701	Grab Sample	Total Kjeldahl Nitrogen, Nitrite + Nitrate-Nitrogen, Total Phosphorus, Chemical Oxygen Demand (COD)
	Flow meter (main sewage pump station)	Flow of wastewater from TLV* to lagoons	Volume (million gallons)
Monthly	Flow meter (Elkhorn Ranch)	Monthly flows into lagoons	Volume (million gallons)
Annually	Each active HMU	Loading calculations for each active HMU	Total nitrogen (lbs/acre,) Phosphorus (lbs/acre) COD (lbs/acre-day) Total wastewater volume (in/acre and gallons/acre)
	All flow measurement locations	Flow measurement calibration of all flows to reuse site	Document the flow measurement calibration of all flow meters and pumps used directly or indirectly to measure all wastewater flows applied to each HMU
	Flow meters (drainfields)	Flow of wastewater from TLV* into the community drainfields	Volume (million gallons) for non-growing season (Nov 1st to April 30th)
	Lagoons	Depth of wastewater in lagoon	Depth (feet) of wastewater in lagoon (Oct 31st and April 30th) to determine quantity of Elkhorn wastewater and precipitation accumulations over non-growing season
August 2009 and August 2013 only	Domestic and municipal wells within ¼ mile of all reuse acreage	Grab sample (with well owner's permission. See notes 6 and 7)	Ca, Mg, K, Na, Cl, SO_4, CO_3/HCO_3, Nitrate-N, Total Mn, Total Fe, TDS

* Twin Lakes Village Golf Course (TLV)

H. Standard Reporting Requirements

1.) The Permittee shall submit an Annual Wastewater Reuse Site Performance Report ("Annual Report") prepared by a competent environmental professional no later than January 31 of each year, which shall cover the previous reporting year. The Annual Report shall include an interpretive discussion of monitoring data (ground water, soils, hydraulic loading, wastewater etc.) with particular respect to environmental impacts by the facility.

2.) The annual report shall contain the results of the required monitoring as described in *Section G. Monitoring Requirements*. If the permittee monitors any parameter more frequently than required by this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the annual report.

3.) The annual report shall be submitted to the Engineering Manager in the applicable Regional DEQ Office.

Boise Regional Office
1445 N. Orchard
Boise, ID 83706-2239
208-373-550

Coeur d'Alene Regional Office
2110 Ironwood Parkway
Coeur d'Alene, ID 83814
208-769-1422

Idaho Falls Regional Office
900 N. Skyline, Suite B
Idaho Falls, ID 83402
208-528-2650

Lewiston Regional Office
1118 "F" Street
Lewiston, ID 83501
208-799-4370

Pocatello Regional Office
444 Hospital Way, #300
Pocatello, ID 83201
208-236-6160

Twin Falls Regional Office
1363 Fillmore St.
Twin Falls, ID 83301
208-736-2190

A copy of the annual report shall also be mailed to:

Richard Huddleston, P.E.
Wastewater Program Manager
1410 N. Hilton
Boise, ID 83706
208-373-0561

4.) Notice of completion of any work described in *Section E. Compliance Schedule for Required Activities* shall be submitted to the Department within 30 days of activity completion. The status of all other work described in Section E shall be submitted with the Annual Report.

5.) All laboratory reports containing the sample results for monitoring required by *Section G. Monitoring Requirements* of this permit shall be submitted with the Annual Report.

I. Standard Permit Conditions: Procedures and Reporting

1. The permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, operational controls and monitoring, which are installed or used by the permittee to comply with all conditions of the permit or the Wastewater Reuse Permit Regulations, in conformance with a DEQ approved, current Plan of Operations (Operations and Maintenance Manual) which describes in detail the operation, maintenance, and management of the wastewater treatment system. This Plan of Operations shall be updated as necessary to reflect current operations.

2. Wastewater(s) or recharge waters applied to the land surface must be restricted to the premises of the application site. Wastewater discharges to surface water that require a permit under the Clean Water Act must be authorized by the U.S. Environmental Protection Agency.

3. Wastewater must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.16.600.03. In order to prevent public health hazards and nuisance conditions the permittee shall:

   a. Apply wastewater as evenly as practicable to the treatment area;
   b. Prevent organic solids (contained in the wastewater) from accumulating on the ground surface to the point where the solids putrefy or support vectors or insects; and
   c. Prevent wastewater from ponding in the fields to the point where the ponded wastewater putrefies or supports vectors or insects.

4. The permittee shall:

   a. Manage the wastewater reuse treatment site as an agronomic operation where vegetative cover is grown and harvested or grazed to utilize the nutrients and minerals in the wastewater, and,
   b. Not hydraulically overload any particular areas of the wastewater reuse treatment site.

5. All waste solids, including dredgings and sludges, shall be utilized or disposed in a manner which will prevent their entry, or the entry of contaminated drainage or leachate therefrom, into the waters of the state such that health hazards and nuisance conditions are not created; and to prevent impacts on designated beneficial uses of the ground water and surface water. The permittee's management of waste solids shall be governed by the terms of the DEQ approved Waste Solids Management Plan, which upon approval shall be an enforceable portion of this permit.

6. If the permittee intends to continue operation of the permitted facility after the expiration of an existing permit, the permittee shall apply for a new permit at least six months prior to the expiration date of the existing permit in accordance with the Wastewater Reuse Permit Regulations and include seepage tests on all lagoons per latest DEQ procedures.

7. The permittee shall allow the Director of the Idaho Department of Environmental Quality or the Director's designee (hereinafter referred to as Director), consistent with Title 39, Chapter 1, Idaho Code, to:

   a. Enter the permitted facility,
   b. Inspect any records that must be kept under the conditions of the permit.
   c. Inspect any facility, equipment, practice, or operation permitted or required by the permit.
   d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility.

8. The permittee shall report to the Director under the circumstances and in the manner specified in this section:

   a. In writing thirty (30) days before any planned physical alteration or addition to the permitted facility or activity if that alteration or addition would result in any significant change in information that was submitted during the permit application process.
   b. In writing thirty (30) days before any anticipated change which would result in non-compliance with any permit condition or these regulations.
   c. Orally within twenty-four (24) hours from the time the permittee became aware of any non-compliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director (see below)

DEQ Regional Office: see Permit Certificate Page
Emergency 24 Hour Number: 1-800-632-8000

d. In writing as soon as possible but within five (5) days of the date the permittee knows or should know of any non-compliance unless extended by the DEQ. This report shall contain:

   i. A description of the non-compliance and its cause;
   ii. The period of non-compliance including to the extent possible, times and dates and, if the non-compliance has not been corrected, the anticipated time it is expected to continue; and
   iii. Steps taken or planned to reduce or eliminate reoccurrence of the non-compliance.

e. In writing as soon as possible after the permittee becomes aware of relevant facts not submitted or incorrect information submitted, in a permit application or any report to the Director. Those facts or the correct information shall be included as a part of this report.

9. The permittee shall take all necessary actions to prevent or eliminate any adverse impact on the public health or the environment resulting from permit noncompliance.

10. The permittee shall determine (on an on-going basis) if any noxious weed problems relate to the permitted sites. If problems are present, coordinate with the Idaho Department of Agriculture or the local County authority regarding their requirements for noxious weed control. Also address these control operations in an update to the Operations and Maintenance Manual.

J. Standard Permit Conditions: Modifications, Violation, and Revocation

1. The permittee shall furnish to the Director within reasonable time, any information including copies of records, which may be requested by the Director to determine whether cause exists for modifying, revoking, re-issuing, or terminating the permit, or to determine compliance with the permit or these regulations.

2. Both minor and major modifications may be made to this permit as stated in IDAPA 58.01.17.700.01 and 02 with respect to any conditions stated in this permit upon review and approval of the DEQ.

3. Whenever a facility expansion, production increase or process modification is anticipated which will result in a change in the character of pollutants to be discharged or which will result in a new or increased discharge that will exceed the conditions of this permit, or if it is determined by the DEQ that the terms or conditions of the permit must be modified in order to adequately protect the public health or environment, a request for either major or minor modifications must be submitted together with the reports as described in Section I. *Standard Reporting Requirements*, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by the DEQ and a new permit or permit modification has been issued.

4. Permits shall be transferable to a new owner or operator provided that the permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.

5. Any person violating any provision of the Wastewater Reuse Permit Regulations, or any permit or order issued thereunder shall be liable for a civil penalty not to exceed ten thousand dollars ($10,000) or one thousand dollars ($1,000) for each day of a continuing violation, whichever is greater. In addition, pursuant to Title 39, Chapter 1, Idaho Code, any willful or negligent violation may constitute a misdemeanor.

6. The Director may revoke a permit if the permittee violates any permit condition or the Wastewater Reuse Permit Regulations.

7. Except in cases of emergency, the Director shall issue a written notice of intent to revoke to the permittee prior to final revocation. Revocation shall become final within thirty-five (35) days of receipt of the notice by the permittee, unless within that time the permittee request an administrative hearing in writing to the Board of Environmental Quality pursuant to the Rules of Administrative Procedures contained in IDAPA 58.01.23.

8. If, pursuant to Idaho Code 67-5247, the Director finds the public health, safety or welfare requires emergency action, the Director shall incorporate findings in support of such action in a written notice of emergency revocation issued to the permittee. Emergency revocation shall be effective upon receipt by the permittee. Thereafter, if requested by the permittee in writing, a revocation hearing before the Board of Environmental Quality shall be provided. Such hearings shall be conducted in accordance with the Rules of Administrative Procedures contained in IDAPA 58.01.23.

9. The provisions of this permit are severable and if a provision or its application is declared invalid or unenforceable for any reason, that declaration will not affect the validity or enforceability of the remaining provisions.

10. The permittee shall notify the DEQ at least six (6) months prior to permanently removing any permitted reuse facility from service, including any treatment, storage, or other facilities or equipment associated with the reuse site. Prior to commencing closure activities, the permittee shall: a) participate in a pre-site closure meeting with the DEQ; b) develop a site closure plan that identifies specific closure, site characterization, or cleanup tasks with scheduled task completion dates in accordance with agreements made at the pre-site closure meeting; and c) submit the completed site closure plan to the DEQ for review and approval within forty-five (45) days of the pre-site closure meeting. The permittee must complete the DEQ approved site closure plan.

Appendix 1
Environmental Monitoring Serial Numbers

HYDRAULIC MANAGEMENT UNITS

Obsolete Serial Number	Current Serial Number	Description	Acres	Status
MU-0167.01A	MU-016701	HMU A	3.48	Active
MU-0167.01B	MU-016702	HMU B	4.00	Active
MU-0167.01C	MU-016703	HMU C	4.07	Active
MU-0167.01D	MU-016704	HMU D	3.60	Not Permitted
MU-0167.01E	MU-016705	HMU E	3.69	Active
MU-0167.01F	MU-016706	HMU F	3.83	Active

WASTEWATER SAMPLING POINTS

Obsolete Serial Number	Current Serial Number	Description
WW-0167.01	WW-016701	Sample port located in HMU A next to access road

LAGOONS

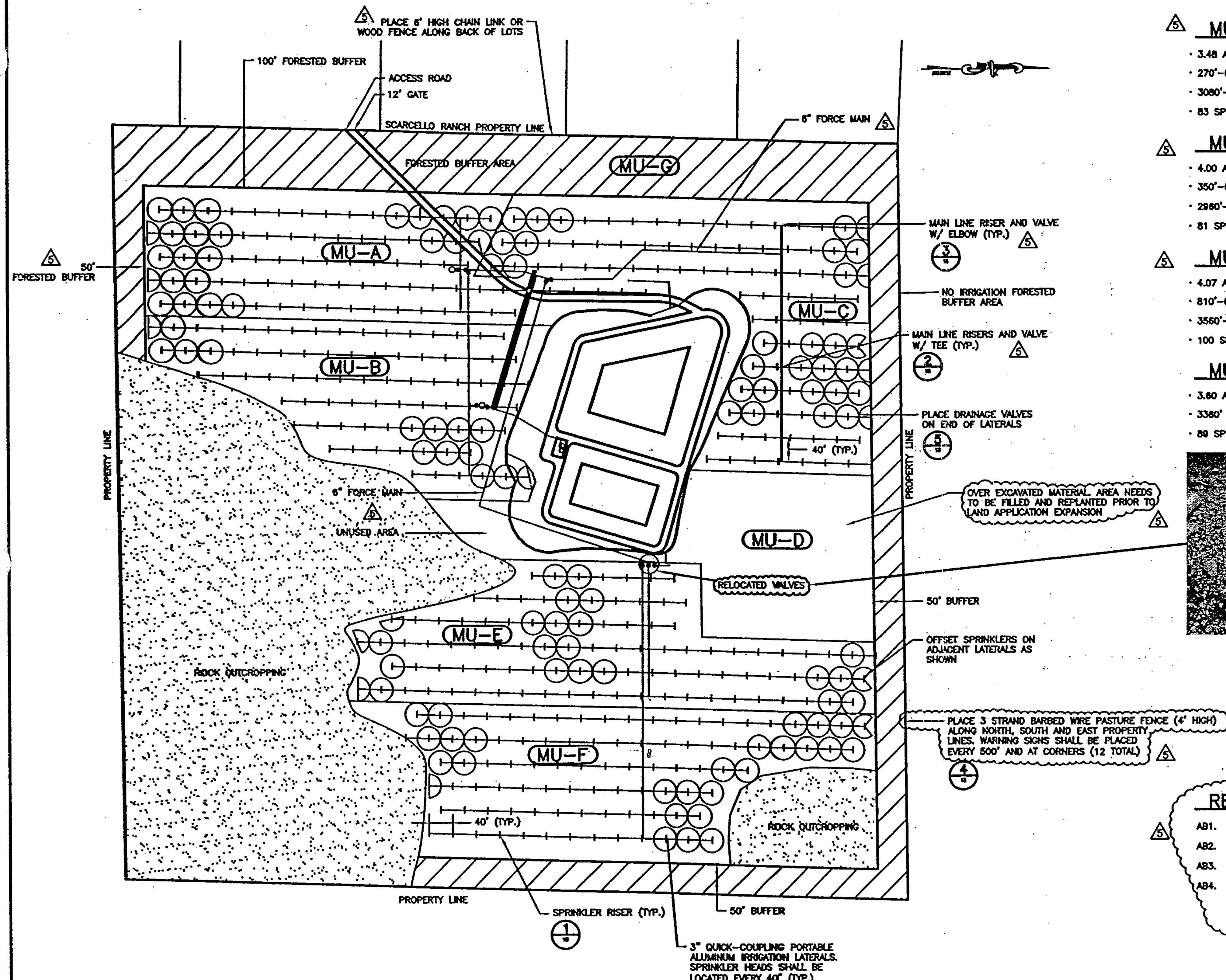
Obsolete Serial Number	Current Serial Number	Description
LG-0167.01	LG-016701	Aerated Lagoon 1 (0.9 MG)
LG-0167.01	LG-016702	Storage Lagoon 2 (2.8 MG)

WELL SAMPLING POINTS

Serial Number	Description	Owner (Address)
GW-016701	#3	Pauline Sanders (N. 6905 Ramsey Road)
GW-016702	#15	Herbert Loftin (Ramsey Road)
GW-016703	#28	Scarcello Ranch (4815 W Village Blvd)

Site Map

Figure 1 Site Map – JUB Record Drawing Sheet 12 Drawing T8-12; January 2, 2004



IRRIGATION PLAN
SCALE: 1" = 100'

IRRIGATION MANAGEMENT UNITS

MU-A — COMBINATION NATURAL FOREST/POPLERS
- 3.48 ACRES
- 270'-6" FORCE MAIN
- 3080'-3" LATERALS
- 83 SPRINKLERS @ 3 GPM/EA = 249 GPM TOTAL

MU-B — COMBINATION NATURAL FOREST/POPLERS
- 4.00 ACRES
- 350'-6" FORCE MAIN
- 2960'-3" LATERALS
- 81 SPRINKLERS @ 3 GPM/EA = 243 GPM TOTAL

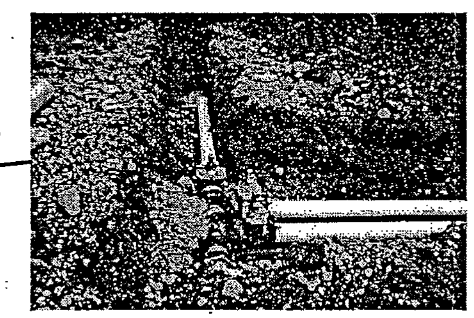
MU-C — NATURAL FOREST
- 4.07 ACRES
- 810'-6" FORCE MAIN
- 3560'-3" LATERALS
- 100 SPRINKLERS @ 3 GPM/EA = 300 GPM TOTAL

MU-D (NOT CONSTRUCTED YET)
- 3.60 ACRES
- 3360' 3" LATERALS
- 89 SPRINKLERS @ 3 GPM/EA = 267 GPM TOTAL

MU-E — NATURAL FOREST
- 3.69 ACRES
- 220'-6" FORCE MAIN
- 2760'-3" LATERALS
- 96 SPRINKLERS @ 3 GPM/EA = 288 GPM TOTAL

MU-F — NATURAL FOREST
- 3.83 ACRES
- 460'-6" FORCE MAIN
- 4280'-3" LATERALS
- 92 SPRINKLERS @ 3 GPM/EA = 276 GPM TOTAL

MU-G (FUTURE) — NATURAL FOREST
- 5.64 ACRES



RECEIVED
JAN 16 2004
DEQ-Coeur d'Alene Regional Office
7872

RECORD DRAWING NOTES:

- AB1. MANAGEMENT UNITS A-C TO BE PHASED IN AS FLOWS DEMAND. ESTIMATED DATE OF COMPLETION SUMMER 2004.
- AB2. RELOCATION OF CONTROLS REDUCED THE REQUIRED PIPING BY 35%. VALVES PLACED IN NORTH EAST CORNER, SHALL CONTROL MANAGEMENT UNITS D-F.
- AB3. MAINLINES & LATERALS INSTALLED IN MU-C ARE BURIED PVC PIPES OF SAME SIZE AS SHOWN.
- AB4. MAINLINES & LATERALS INSTALLED IN MW-A AND MU-B ARE BURIED PVC PIPES OF THE SAME SIZE AS SHOWN. INSTALLED SEPARATE DRAINAGE ASSEMBLY FOR MU-A, MU-B DRAINAGE ASSEMBLY IS EXISTING DRYWELL USED TO DRAIN CHLORINE CONTACT PIPE GALLERY.

Appendix C
*As-Built Information Obtained from DEQ

RECORD DRAWINGS
01/02/04

INFORMATION ON THESE RECORD DRAWINGS IS BASED ON FIELD OBSERVATIONS AND INFORMATION PROVIDED BY OTHERS

REPLACED FROM KIMBALL ENGINEERING DRAWINGS.

J-U-B
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PROFESSIONAL ENGINEER 2472 STATE OF IDAHO JAMES M. KIMBALL

NO.	DESCRIPTION	BY	APP.	DATE
5	IRR. MGMT UNIT EXPANSION 2004	MLB		1/6/04
4	IRR. MGMT UNIT EXPANSION	MLB		7/18/02
3	RECORDED "AS-BUILT" DRAWINGS	MLB		7/5/01
2	ZONE L2-CHLORINE CONTACT	MLB		7/25/99
1	LAGOON LOCATION, MU AREAS, & PIPING	MLB		7/22/99

REVISION

TWIN LAKES VILLAGE
REVISED WASTEWATER TREATMENT SYSTEM

CIVIL - LAND IRRIGATION SYSTEM PLAN

CAD FILE: 21077-LANDAPP-REC.DWG
PROJ.#: 21077
DRAWING NO.:
DRAWN BY: AJD/TLR
DESIGN BY: MLB/SGM
CHECKED BY: JMK

ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY

SCALE OF SHEET,
HOR SCALE: AS SHOWN
VER SCALE: NONE
LAST UPDATED: 1/09/04

SHEET 12
DRAWING T8R-12